Xlight F/O LC-MTP Transition Cassettes 24F

Description

RiT's Xlight LC-MTP Transition Cassettes enable connections between 12 LC-Duplex patch cords and 2 MPO/MTP trunk cables to connect electronic equipment like switched servers and storage. The unique design of the cassettes makes them "symmetric" so they can be flipped over ("Side-A UP" or "Side-B UP") so that port position, mapping and polarity can easily be maintained.
The cassettes are compatible with RiT's Xlight F/O Fixed and Slide Cassette Trays

Applications

- Data Centre Infrastructure
- Parallel Optics
- Storage Area Networks – Fiber Channel

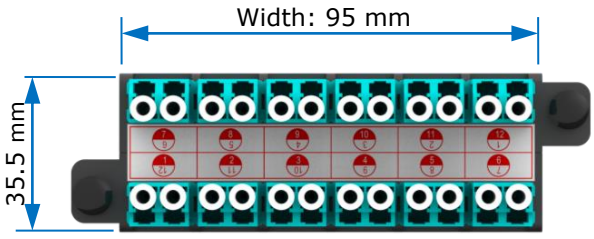
Reference Standard

- TIA/EIA-568-C.3
- IEEE 802.3bm 2015(100G/40G)
- MPO Connector and Adapters: TIA/EIA-604 FOCIS-5
- LC Connector and Adapters: TIA/EIA-604 FOCIS-10
- ISO/IEC 11801
- RoHS Complaint

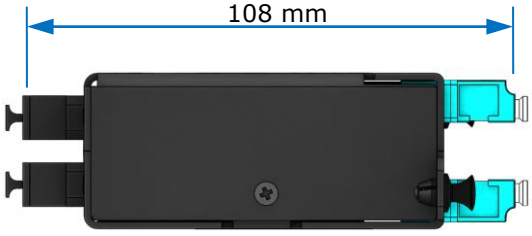
Features

- Up to 4 cassettes (96 Fibers) in 1U Cassette Tray or 16 cassettes (384 Fibers) in 4U Cassette Tray
- Fiber Types: Multimode - OM3/OM4 & Singlemode - OS2
- Front Connectivity: 12 LC duplex connectors
- Rear connectivity: 2 MTP connectors
- Low insertion loss
- Plastic materials: UL94-V0
- Port Numbering
- Symmetrical design, which is convenient for wiring construction
- The Xlight F/O LC-MTP cassette adopts one polarity all the link through.

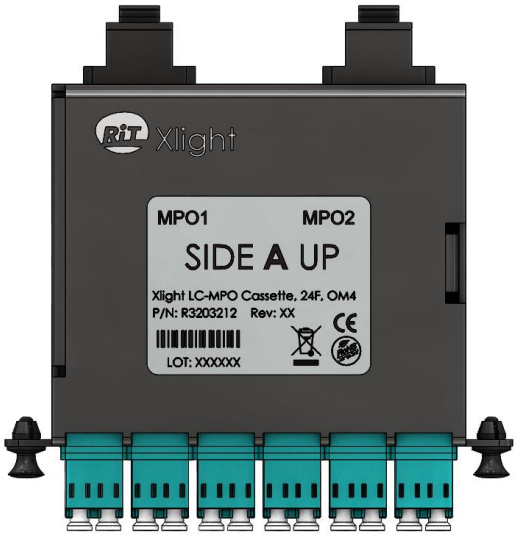
Technical drawing



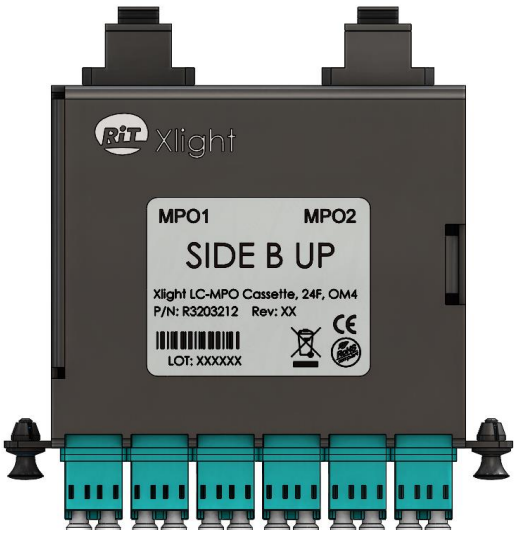
Front View



Side View

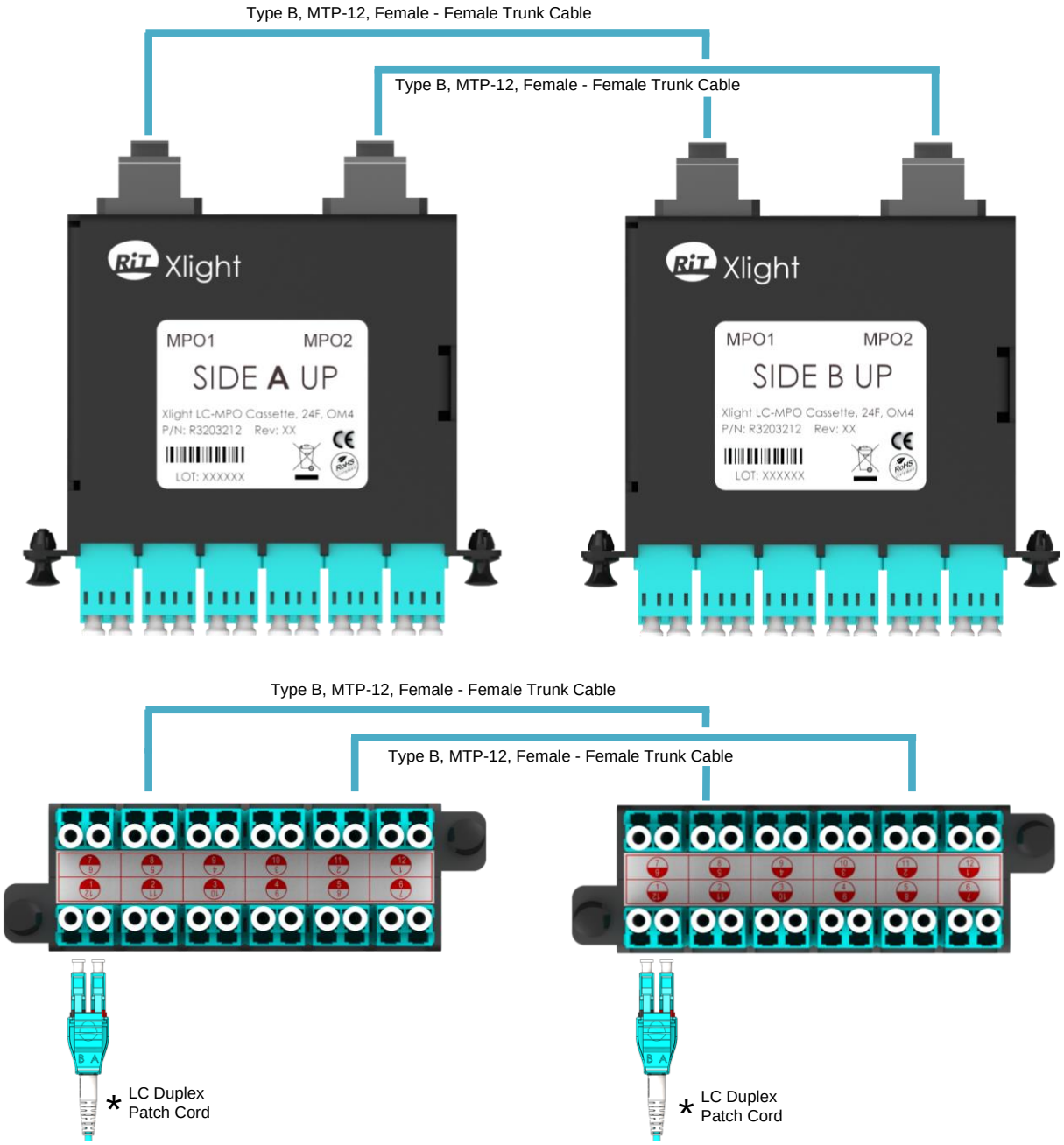


Top View



Bottom View

Polarity Method for Duplex Links



*Note: In the link both LC-Duplex Patch Cords should be from the same method: “A-to-A” or “A-to-B”

Specifications

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Metal parts	Steel, 1.5mm thick, Finish: Electrostatic powder Epoxy paint, Color: Black
Flammability rate	Flame Retardant, UL 94-V0
Single Mode Fiber Type	9/125µm, G657A2
Multimode Fiber Type	50/125 µm, OM3, OM4, Bend-Insensitive
MTP™ Ferule	US Conec MTP Ferrules, Elite
LC Duplex Adapters	MM OM3/OM4 - Aqua SM UPC - Blue
Performance	MM Cassettes: IL≤0.5dB (LC+MPO connectors), RL ≥26dB SM Cassettes: IL≤0.5dB (LC+MPO connectors), RL ≥60dB (UPC)
Durability	≤0.2dB & 500 mating cycles
Operating temperature	-20°to +60°C
Storage temperature	-25°to +70°C
Weight	250 g
Packaging Weight	350 g
Shipping Dimensions (HxWxD)	1 unit per cardboard box, 55 mm x 200 mm x 175 mm

Ordering Information

Part Number	Description
R3203210	Xlight F/O Cassette, 24F, LC-MTP, SM, G657A2
R3203211	Xlight F/O Cassette, 24F, LC-MTP, MM50, OM3, Bend-Insensitive
R3203212	Xlight F/O Cassette, 24F, LC-MTP, MM50, OM4, Bend-Insensitive